

Converting Colors

$Y_{xy}(65.2891, 0.4215, 0.4312)$

Have a look what the booklet for
Yxy(65.2891, 0.4215, 0.4312)
contains.

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Color

Yxy(65.4661, 0.4215, 0.4312)

Conversions

Conversions Part 1

Format	Color
Hex	FACE68
RGB	250, 206, 104
RGB Percent	98%, 81%, 41%
CMY	0.0196, 0.1921, 0.5921
CMYK	0.00, 0.18, 0.58, 0.02
HSL	42°, 94%, 69%
HSV	42°, 58%, 98%
XYZ	63.9934, 65.4661, 22.3635
YIQ	207.5280, 58.9660, -22.3940

Conversions

Conversions Part 2

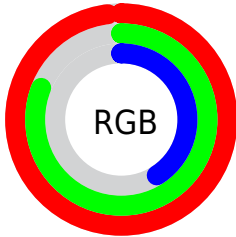
Format	Color
RYB	167, 250, 104
Decimal	16436840
CIELab	84.72, 4.08, 55.66
CIElCh	85, 55.808, 85.810
Yxy	65.4661, 0.4215, 0.4312
Android (android.graphics.Color)	4294626920 (0xFFFACE68)
YUV	207.5280, -51.0393, 37.2479
Hunter-Lab	80.9111, -0.4170, 40.2503

Details

The Yxy color **65.4661, 0.4215, 0.4312** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.0261, 0.2107, 0.1948**, and the grayscale version is **63.0653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **33.6426, 0.4433, 0.4511** is the 20% darker color. If you saturate the color by 10%, you get **61.4935, 0.4409, 0.4434**, and if you desaturate by 10%, it is **69.7694, 0.4012, 0.4158**.

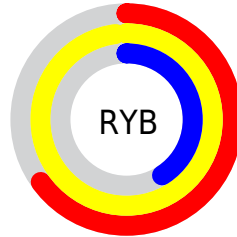
Distribution



Red (98%)

Green (81%)

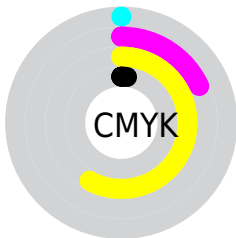
Blue (41%)



Red (65%)

Yellow (98%)

Blue (41%)

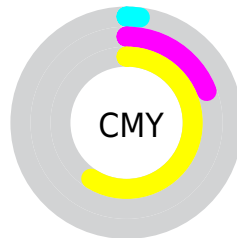


Cyan (0%)

Magenta (18%)

Yellow (58%)

Black (2%)



Cyan (2%)

Magenta (19%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4661, 0.4215, 0.4312 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 65.4661, 0.4215, 0.4312 by changing the saturation by 10% instead.


 65.4661, 0.4215,
0.4312


 65.4661, 0.4215,
0.4312

444.4650, 0.3726,
0.3863


 47.8391, 0.4316,
0.4402


 112.7197, 0.4052,
0.4165

 33.6995, 0.4435,
0.4505


 143.1151, 0.3987,
0.4105

 22.6628, 0.4571,
0.4621


 178.5355, 0.3929,
0.4052

 14.3448, 0.4724,
0.4745

 219.3651, 0.3879,
0.4005

 8.3608, 0.4925,
0.4902

265.9885, 0.3834,
0.3963

 4.3267, 0.5045,
0.4955

318.7901, 0.3794,

 1.8579, 0.5100,

0.3926

0.4900

378.1541, 0.3758,
0.3893

■ 0.5229, 0.5329,
0.4671

■ 0.0000, 0.0000,
0.0000

■ 65.4661, 0.4215,
0.4312

■ 65.4661, 0.4215,
0.4312

■ 61.4935, 0.4409,
0.4434

■ 69.7694, 0.4012,
0.4158

■ 57.8260, 0.4583,
0.4514

■ 74.4083, 0.3809,
0.3985

■ 54.4480, 0.4730,
0.4545

■ 79.3992, 0.3613,
0.3801

■ 51.3342, 0.4845,
0.4527

■ 84.7543, 0.3429,
0.3616

50.8531, 0.4862,
0.4521

90.4849, 0.3258,
0.3435

96.6018, 0.3103,
0.3263

99.0629, 0.3096,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4661, 0.4502, 0.3842



65.4661, 0.4215, 0.4312



65.4661, 0.3651, 0.4565

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4661, 0.4215, 0.4312



65.4661, 0.2010, 0.3058



65.4661, 0.3156, 0.2452

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.4661, 0.4215, 0.4312



31.0261, 0.2107, 0.1948

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4661, 0.2513, 0.2246



65.4661, 0.4215, 0.4312



65.4661, 0.1913, 0.2521

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4661, 0.4215, 0.4312



65.4661, 0.2382, 0.3783



65.4661, 0.2085, 0.2257



65.4661, 0.3864, 0.2831

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4661, 0.4215, 0.4312



65.4661, 0.3203, 0.4505



65.4661, 0.2085, 0.2257



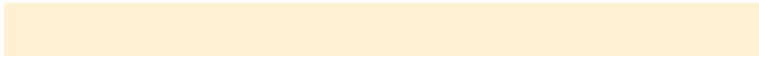
65.4661, 0.2924, 0.2361

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.4692, 0.4215, 0.4312



88.8794, 0.3422, 0.3609



32.4365, 0.4342, 0.2822



18.6651, 0.3474, 0.3663



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4692, 0.4215, 0.4312



63.6623, 0.4439, 0.4451



85.0920, 0.3769, 0.4773



19.2560, 0.3276, 0.3455



27.2400, 0.4849, 0.4532



2.7088, 0.4751, 0.4610

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.0261, 0.2107, 0.1948



24.8183, 0.1917, 0.1635



21.6132, 0.2158, 0.1479



17.4956, 0.2979, 0.3119



6.5734, 0.1611, 0.0998



0.7861, 0.1675, 0.1229

Previews

White Background



This preview shows how the Yxy color 65.4661, 0.4215, 0.4312 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.4661, 0.4215, 0.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4661, 0.4215, 0.4312

Background



This preview shows how black text looks on a background with the Yxy color 65.4661, 0.4215, 0.4312.



This preview shows how white text looks on a background with the Yxy color 65.4661, 0.4215, 0.4312.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.4661, 0.4215, 0.4312

Protanopia

65.6200, 0.4037, 0.4409

Deuteranopia

65.4525, 0.4136, 0.4083



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.4661, 0.4215, 0.4312

Protanomaly

65.6384, 0.4103, 0.4377

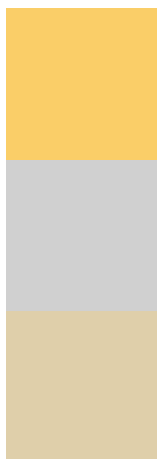
Deuteranomaly

65.3527, 0.4169, 0.4171

Tritanomaly

65.1315, 0.3782, 0.3596

Monochromacy



Original Color

65.4661, 0.4215, 0.4312

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2159, 0.3523, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4661, 0.4215, 0.4312 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 206, 104)` looks like.

```
.text, #text, p{  
    color:rgb(250, 206, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 206, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 206, 104) }
```

Border

The CSS property to change the border of an element to Yxy 65.4661, 0.4215, 0.4312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 206, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 206, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 206, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 206, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 206, 104);  
box-shadow:4px 4px 4px 4px rgb(250, 206,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4661, 0.4215, 0.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 206, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
206, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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